

## SEQUENCE LISTING

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BT01 Rec'd PCT/PTC 04 FEB 2005

&lt;110&gt; Bavarian Nordic A/S

&lt;120&gt; Vaccinia virus host range genes to increase the titer of avipoxviruses

&lt;130&gt; BN48PCT

&lt;150&gt; DK PA 2002 01189

&lt;151&gt; 2002-09-08

&lt;160&gt; 4

&lt;170&gt; PatentIn version 3.1

&lt;210&gt; 1

&lt;211&gt; 615

&lt;212&gt; DNA

&lt;213&gt; MVA

&lt;220&gt;

&lt;221&gt; estimated promoter sequence for C7L in MVA

&lt;222&gt; (1)..(162)

&lt;223&gt;

&lt;220&gt;

&lt;221&gt; CDS

&lt;222&gt; (163)..(615)

&lt;223&gt;

&lt;400&gt; 1

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tgtggaattt ataaacttat gatagtaaaa ctagtaccga atatgtaaag atgaaaaagt 120

aaattactat taacgccgtc ggtattcggt catccattca gt atg ggt ata cag 174  
Met Gly Ile Gln

cac gaa ttc gac atc att att aat gga gat atc gcg ttg aga aat tta 222  
 His Glu Phe Asp Ile Ile Ile Asn Gly Asp Ile Ala Leu Arg Asn Leu 20  
 5 10 15  
 cag tta cat aaa ggg gat aac tac gga tgc aaa cta aaa att att tcg 270  
 Gln Leu His Lys Gly Asp Asn Tyr Gly Cys Lys Leu Lys Ile Ile Ser 35  
 25 30  
 aat gat tac aag aaa tta aag ttt aga ttc att ata cgc cca gat tgg 318  
 Asn Asp Tyr Lys Lys Leu Lys Phe Arg Phe Ile Ile Arg Pro Asp Trp 50  
 40 45  
 tcg gaa atc gac gag gtc aaa gga tta acc gta ttt gca aac aac tat 366  
 Ser Glu Ile Asp Glu Val Lys Gly Leu Thr Val Phe Ala Asn Asn Tyr 65  
 55 60  
 gcg gtg aaa gtt aat aag gta gat gac acg ttc tat tac gta ata tat 414  
 Ala Val Lys Val Asn Lys Val Asp Asp Thr Phe Tyr Tyr Val Ile Tyr 80  
 70 75  
 gag gct gta ata cat ctg tat aac aaa aaa aca gag ata ttg att tat 462  
 Glu Ala Val Ile His Leu Tyr Asn Lys Lys Thr Glu Ile Leu Ile Tyr 100  
 85 90  
 tct gat gat gag aac gaa ctc ttt aaa cac tat tac cca tac atc agt 510  
 Ser Asp Asp Glu Asn Glu Leu Phe Lys His Tyr Tyr Pro Tyr Ile Ser 115  
 105 110  
 cta aat atg att agt aaa aag tat aaa gtt aaa gaa gaa aac tac tca 558  
 Leu Asn Met Ile Ser Lys Lys Tyr Lys Val Lys Glu Glu Asn Tyr Ser 130  
 120 125  
 tcc ccg tat ata gaa cat ccg tta atc ccg tat aga gat tat gag tcc 606  
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 135 140 145  
 atg gat taa 615  
 Met Asp 150

&lt;210&gt; 2

&lt;211&gt; 150

&lt;212&gt; PRT

&lt;213&gt; MVA

&lt;400&gt; 2

Met Gly Ile Gln His Glu Phe Asp Ile Ile Ile Asn Gly Asp Ile Ala  
 1 5 10 15  
 Leu Arg Asn Leu Gln Leu His Lys Gly Asp Asn Tyr Gly Cys Lys Leu  
 20 25 30  
 Lys Ile Ile Ser Asn Asp Tyr Lys Lys Leu Lys Phe Arg Phe Ile Ile  
 35 40 45  
 Arg Pro Asp Trp Ser Glu Ile Asp Glu Val Lys Gly Leu Thr Val Phe  
 50 55 60

Ala Asn Asn Tyr Ala Val Lys Val Asn Lys Val Asp Asp Thr Phe Tyr  
65 70 75 80

Tyr Val Ile Tyr Glu Ala Val Ile His Leu Tyr Asn Lys Lys Thr Glu  
85 90 95

Ile Leu Ile Tyr Ser Asp Asp Glu Asn Glu Leu Phe Lys His Tyr Tyr  
100 105 110

Pro Tyr Ile Ser Leu Asn Met Ile Ser Lys Lys Tyr Lys Val Lys Glu  
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Asp Tyr Glu Ser Met Asp  
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<210> 3

<211> 1001

<212> DNA

<213> Canarypoxvirus

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aagcatcttt ttctaagcgc atgactgatg ataaagatgt aaaagttata ggaggtaaag	960

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<211> 1003

<212> DNA

<213> Canarypoxvirus

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aacccatagt taaaaattaa atcatatatc aatacatgtc agttttttat cgaaaaatgg	420
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cagtaaagac ggtccagcgt agacgtggaa acgatgagga taataagttt acttgtatcc	540
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ccgagaatac gatggatgaa aaaacattta aagattgtca tctgtatatt aacggaaata	900
ggattatgtc cgccgacgta aaatatttga agaattgtaa acctgtagga gaaaaattat	960
ccgtatccaa ggaaatagat aaactggtta aaaaagatcc aca	1003